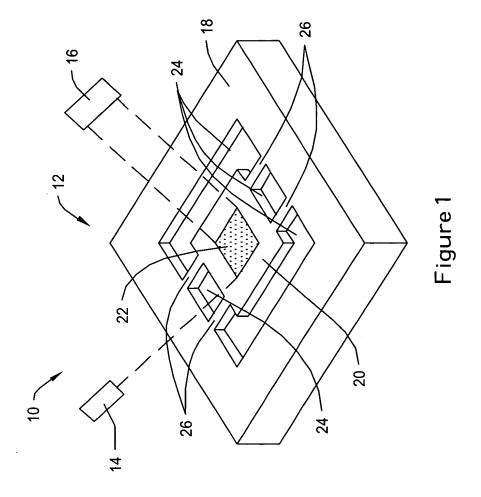
Applicant: Barrett E. Cole et al.
Serial No.: New US Patent Application
Filed: December 30, 2003
For: PARTICLE DETECTOR USING
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 1 of 20



Applicant: Barrett E. Cole et al.
Serial No.: New US Patent Application
Filed: December 30, 2003
For: PARTICLE DETECTOR USING
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 2 of 20

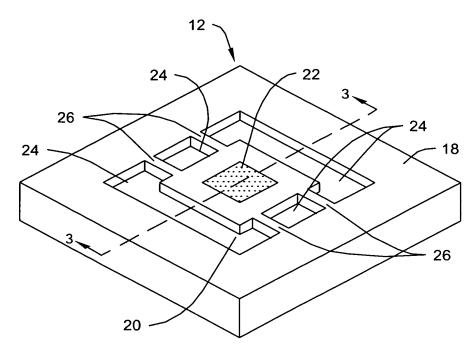


Figure 2

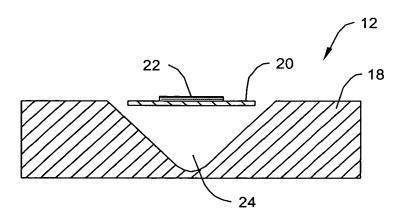
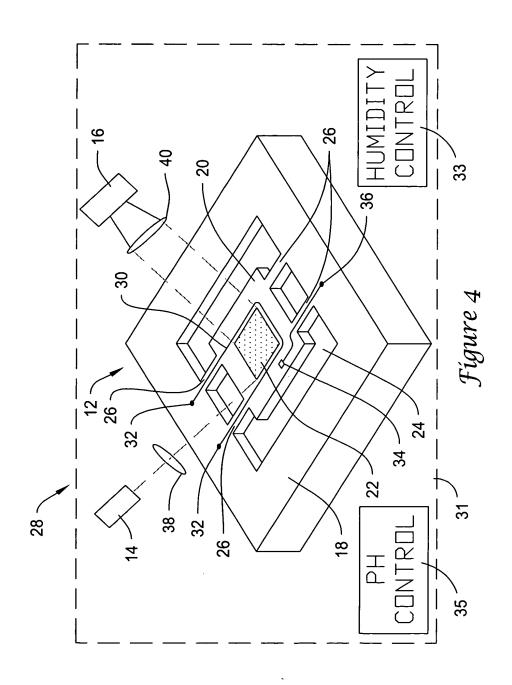
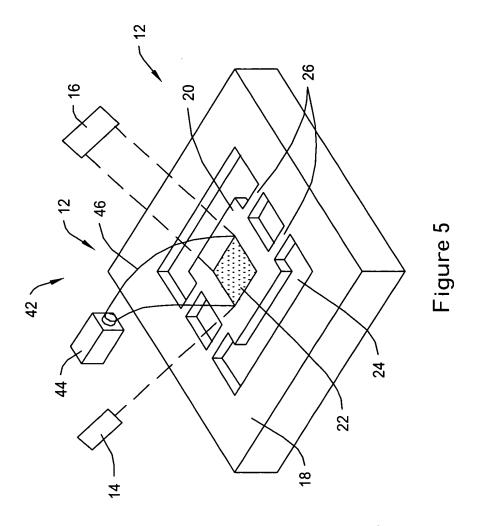


Figure 3

FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 3 of 20



Applicant: Barrett E. Cole et al.
Serial No.: New US Patent Application
Filed: December 30, 2003
For: PARTICLE DETECTOR USING
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 4 of 20



Applicant: Barrett E. Cole et al.
Serial No.: New US Patent Application
Filed: December 30, 2003
For: PARTICLE DETECTOR USING
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 5 of 20

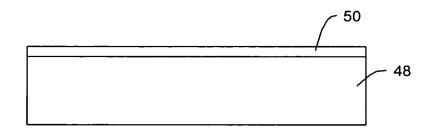


Figure 6

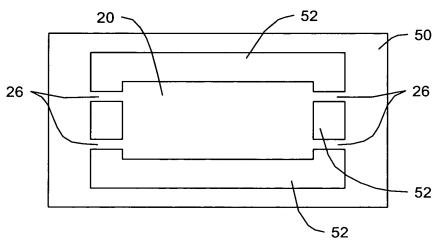
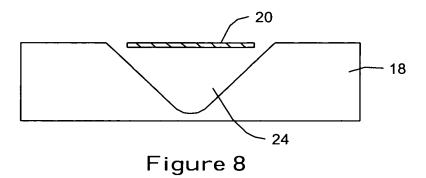


Figure 7



Applicant: Barrett E. Cole et al.
Serial No.: New US Patent Application
Filed: December 30, 2003
For: PARTICLE DETECTOR USING
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 6 of 20

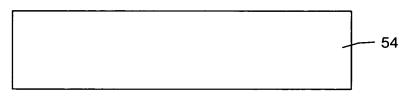


Figure 9

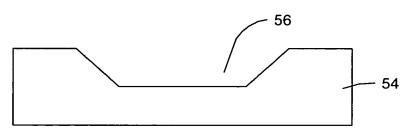


Figure 10

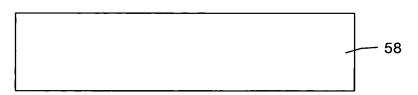


Figure 11

Applicant: Barrett E. Cole et al.
Serial No.: New US Patent Application
Filed: December 30, 2003
For: PARTICLE DETECTOR USING
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 7 of 20

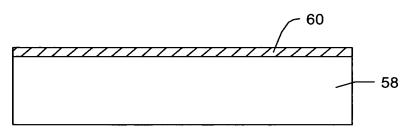


Figure 12

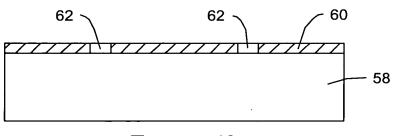
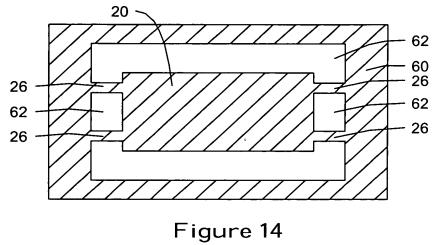
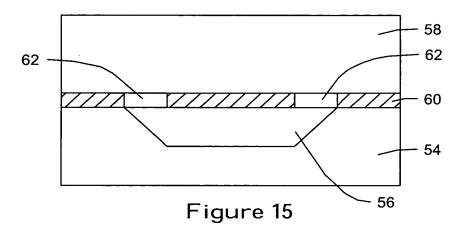


Figure 13

FLUORESCENTS
Docket: H0004257(1100.1225101)

Sheet 8 of 20





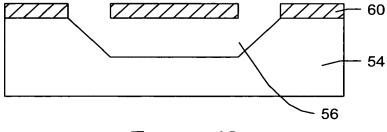


Figure 16

· Filed: December 30, 2003

For: PARTICLE DETECTOR USING

**FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 9 of 20

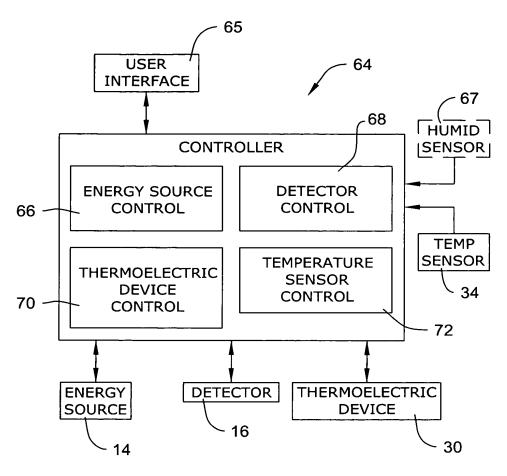
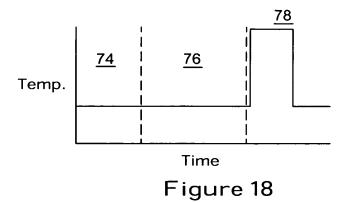


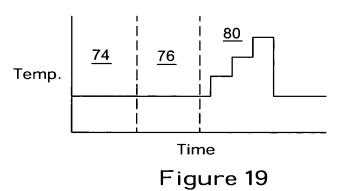
Figure 17

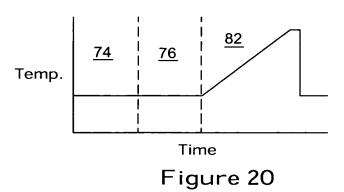
Applicant: Barrett E. Cole et al. Serial No.: New US Patent Application Filed: December 30, 2003

For: PARTICLE DETECTOR USING

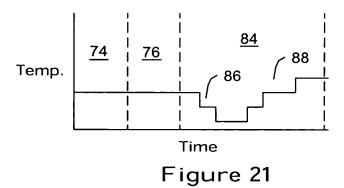
FLUORESCENTS
Docket: H0004257(1100.1225101)
Sheet 10 of 20







Applicant: Barrett E. Cole et al. Serial No.: New US Patent Application Filed: December 30, 2003 For: PARTICLE DETECTOR USING FLUORESCENTS Docket: H0004257(1100.1225101) Sheet 11 of 20



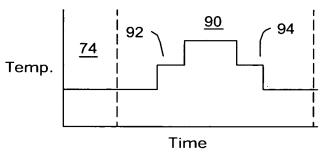


Figure 22

Applicant: Barrett E. Cole et al. Serial No.: New US Patent Application Filed: December 30, 2003

For: PARTICLE DETECTOR USING **FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 12 of 20

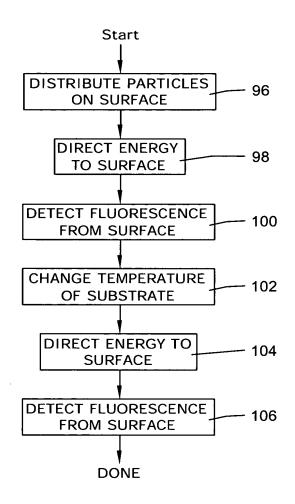


Figure 23

Filed: December 30, 2003

For: PARTICLE DETECTOR USING

FLUORESCENTS

Docket: H0004257(1100.1225101)

Sheet 13 of 20

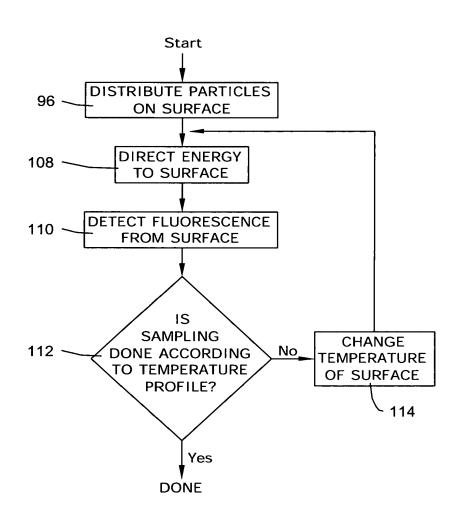


Figure 24

FLUORESCENTS
Docket: H0004257(1100.1225101)

Sheet 14 of 20

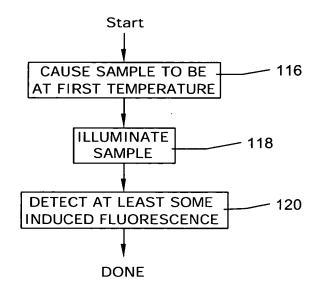


Figure 25

Filed: December 30, 2003 For: PARTICLE DETECTOR USING

**FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 15 of 20

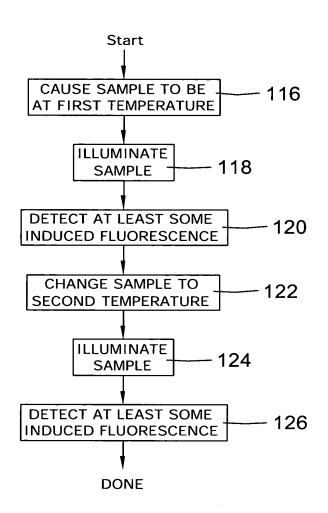


Figure 26

Applicant: Barrett E. Cole et al. Serial No.: New US Patent Application Filed: December 30, 2003

For: PARTICLE DETECTOR USING

**FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 16 of 20

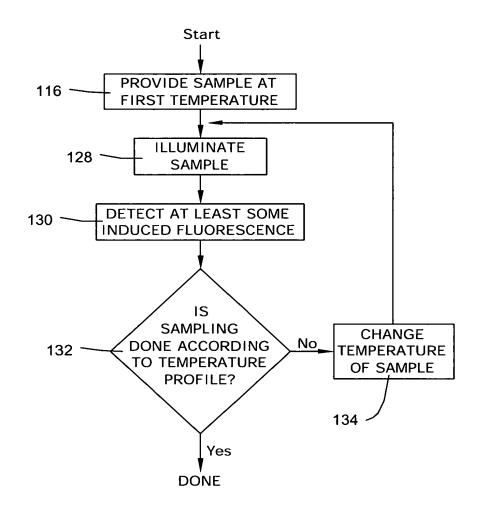


Figure 27

Filed: December 30, 2003
For: PARTICLE DETECTOR USING

**FLUORESCENTS** 

Docket: H0004257(1100.1225101) Sheet 17 of 20

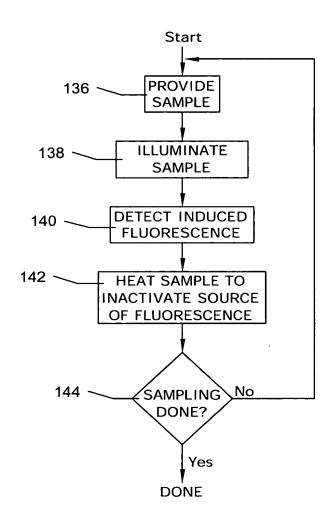


Figure 28

Filed: December 30, 2003

For: PARTICLE DETECTOR USING

**FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 18 of 20

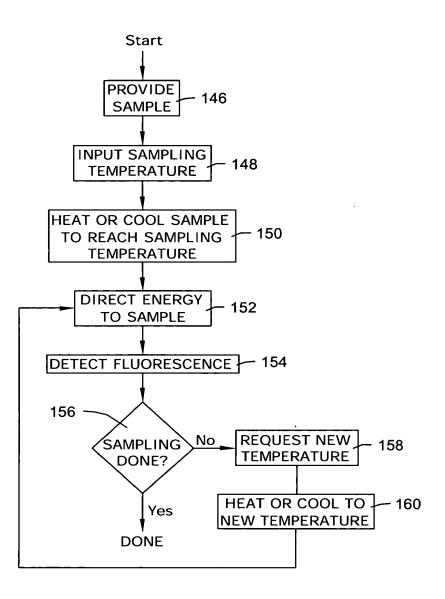


Figure 29

**FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 19 of 20

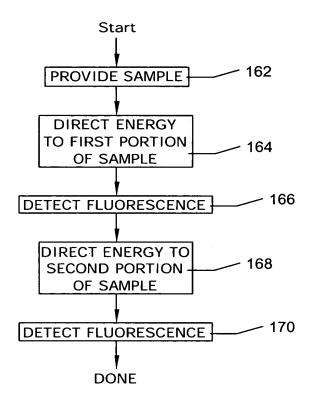


Figure 30

**FLUORESCENTS** 

Docket: H0004257(1100.1225101)

Sheet 20 of 20

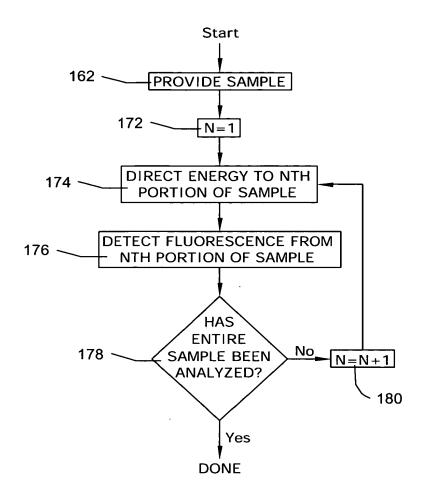


Figure 31